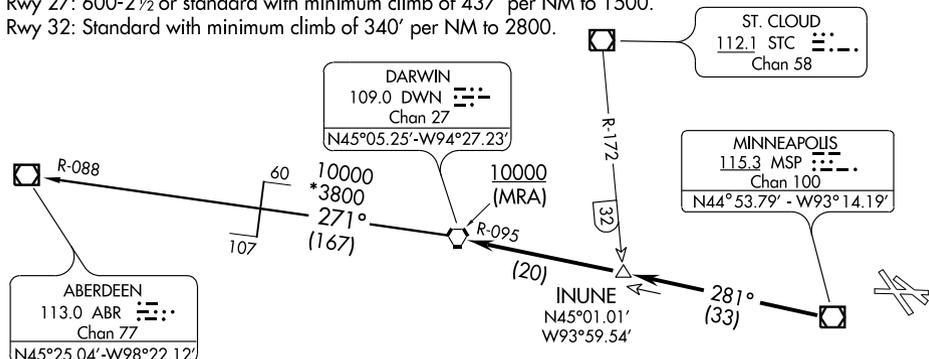


DARWIN ONE DEPARTURE

TAKE-OFF MINIMUMS

- Rwy 31: NA-obstacles.
- Rwy 14: Standard.
- Rwy 13: Standard with minimum climb of 233' per NM to 1500.
- Rwy 9: 400-2 or standard with minimum climb of 304' per NM to 1200.
- Rwy 27: 600-2½ or standard with minimum climb of 437' per NM to 1500.
- Rwy 32: Standard with minimum climb of 340' per NM to 2800.

ATIS 118.35
 CLNC DEL 121.675
 MINNEAPOLIS DEP CON 121.2 357.4



TAKE-OFF OBSTACLE NOTES

- RWY 9:** Multiple trees beginning 1264' from DER, 166' right of centerline, up to 75' AGL/1055' MSL. OL tank 1570' from DER, 771' right of centerline, 50' AGL/811' MSL. Mobile crane 1162' from DER, 123' left of centerline, 50' AGL/758' MSL.
- RWY 27:** Antenna on OL stack 1.8 NM from DER, 635' left of centerline, 569' AGL/1279' MSL. Multiple trees beginning 783' from DER, 2560' left of centerline, up to 994' MSL. OL antenna 995' from DER, 305' right of centerline, 20' AGL/767' MSL. Crane 1 NM from DER, 2007' right of centerline 200' AGL/887' MSL. Flag pole 2332' from DER, 200' left of centerline, 50' AGL/778' MSL. Lightpole 1327' from DER, 222' left of centerline, 50' AGL/747' MSL. Building 2049' from DER, 837' right of centerline, 57' AGL/761' MSL.
- RWY 13:** Tower 3.1 NM from DER, 4458' left of centerline, 254' AGL/1234' MSL. OL stack 2716' from DER, 842' right of centerline, 50' AGL/820' MSL. Multiple trees beginning 1004' from DER, 607' left of centerline, 50' AGL/767' MSL. Tower 1725' from DER, 930' left of centerline, 47' AGL/753' MSL. Vent on building 3029' from DER, 629' right of centerline, 10' AGL/783' MSL. Multiple bushes beginning 194' from DER, 137' right of centerline, 7' AGL/712' MSL. Stack 1879' from DER, 25' left of centerline, 51' AGL/751' MSL.
- RWY 14:** Multiple trees beginning 34' from DER, 529' right of centerline, 50' AGL/811' MSL. Multiple poles beginning 1840' from DER, 947' right of centerline, 50' AGL/778' MSL.
- RWY 32:** Multiple towers beginning 7.4 NM from DER, 1.9 NM right of centerline, 1466' AGL/2376' MSL. OL antenna 2.2 NM from DER, 3335' left of centerline, 50' AGL/1151' MSL. Tower 2.2 NM from DER, 3372' left of centerline, 312' AGL/1151' MSL. Pole 1.1 NM from DER, 1837' right of centerline, 157' AGL/973' MSL. Building 5900' from DER, 1733' right of centerline, 72' AGL/910' MSL. Tower 1.2 NM from DER, 1187' left of centerline, 143' AGL/918' MSL. Sign 5836' from DER, 1924' left of centerline, 10' AGL/874' MSL. Multiple trees beginning 1678' from DER, 2342' left of centerline, 50' AGL/961' MSL. Railroad 362' from DER, 485' left of centerline, 50' AGL/725' MSL. Building 1.2 NM from DER, 1174' left of centerline, 50' AGL/897' MSL. Road 205' from DER, 484' left of centerline, 50' AGL/717' MSL. Rod on stack 1.2 NM from DER, 750' left of centerline, 50' AGL/889' MSL.

NOTE: RADAR required.
 NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

Fly assigned heading and altitude for radar vectors to MSP VOR/DME then via MSP R-281 and DWN R-095 to DWN VORTAC, thence via transition or assigned route. Expect clearance to filed altitude/flight level 10 minutes after departure.

ABERDEEN TRANSITION (DWN1.ABR): From over DWN VORTAC via DWN R-271 and ABR R-088 to ABR VOR/DME.

DARWIN ONE DEPARTURE